

Human Desmoplakin ELISA Kit | DSP elisa kit

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CATALOG #
AAA16025

REACTIVITY
Human

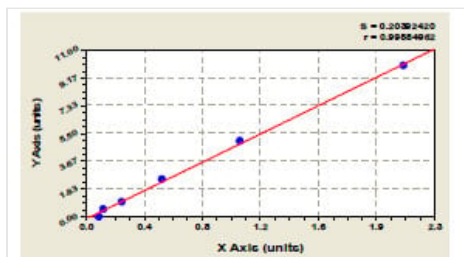
PRODUCT SYNONYMS

Desmoplakin; Human Desmoplakin ELISA Kit; DSP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for DSP elisa kit

Intended Uses: This DES ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human DES.

Principle of the Assay: DES ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for DES. Standards or samples are then added to the microtiter plate wells and DES if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of DES present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for DES are added to each well to "sandwich" the DES immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain DES and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The DES concentration in each sample is interpolated from this standard curve.

Product Categories/Family for DSP elisa kit

Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	32698634
NCBI GeneID	1463319
NCBI Accession #	NP_872549.1
NCBI GenBank Nucleotide #	NC_005038.1
Molecular Weight	63,196 Da
NCBI Official Full Name	desmoplakin
NCBI Official Symbol	desmoplakin
NCBI Protein Information	desmoplakin
UniProt Protein Name	Desmoplakin
UniProt Gene Name	desmoplakin
UniProt Entry Name	Q7T9S0_GVAO

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/dsp-human-elisa-kits/desmoplakin/16025>